

# Split System Submittal Data

# SANYO

Building Life.

**System: 18XLS72**

**Indoor/Outdoor: XS1872/CL1872**

**Grille: PNR-XS1872**

## Ceiling Recessed Low Ambient Air Conditioner

Job Name: \_\_\_\_\_  
 Location: \_\_\_\_\_  
 Engineer: \_\_\_\_\_  
 Submitted to: \_\_\_\_\_  
 Submitted by: \_\_\_\_\_  
 Reference: \_\_\_\_\_

Approval: \_\_\_\_\_  
 Date: \_\_\_\_\_  
 Construction: \_\_\_\_\_  
 Unit #: \_\_\_\_\_  
 Drawing #: \_\_\_\_\_



### General Data (at 230V)

| Power            | V/PH/Hz | 230/208/1/60 |
|------------------|---------|--------------|
| Circuit Ampacity | (A)     | 20           |
| Fuse Size, Max.  | (A)     | 20           |

| Compressor       | DC Rotary Inverter |             |
|------------------|--------------------|-------------|
| No. used         |                    | 1           |
| R.L. Amps - L.R. | (A)                | 9.8/10.6-20 |

### Outdoor Unit

|                         |         |            |
|-------------------------|---------|------------|
| Fan type                |         | Propeller  |
| Dia. (in.) - No. Speeds |         | 16-17/32-1 |
| Type Drive - No. Speeds |         | Direct-3   |
| No. Poles               | (RPM)   | 8-820/850  |
| No. Motors              | (W)     | 40-1       |
| CFM                     | (HIGH)) | 524        |
| F.L. Amps               | (A)     | 0.5        |

|                      |           |                                 |
|----------------------|-----------|---------------------------------|
| Coil Type            |           | Aluminum Fin and Copper Pipe    |
| Fin Type - Pipe Type |           | Corrugated Plate - Inner Rifled |
| Rows - F.P.I.        |           | 2-18.1                          |
| Face Area            | (sq.ft.)) | 6.4                             |
| Tube Size            | (in.)     | 9/32                            |

### Indoor Unit

|                                  |              |                |
|----------------------------------|--------------|----------------|
| Fan type                         |              | Turbo          |
| Dia. & Length (in.) - No. Speeds |              | 12-5/8/5-3/4-1 |
| No. Speeds                       |              | 3+Auto         |
| No. Poles                        | (RPM, High)) | 8-720          |
| No. Motors                       | (W)          | 30-1           |
| CFM                              | (Hi/Med/Low) | 341/294/253    |
| Indoor Sound Rating              | (Hi) (dB-A)  | 44             |
| F.L. Amps                        | (A)          | .3             |

|                       |           |                                  |
|-----------------------|-----------|----------------------------------|
| Coil Type             |           | Aluminum Plate Fin & Copper Tube |
| Fin Type - Pipe Type  |           | Slit Plate & Inner Rifled        |
| Rows - F.P.I.         |           | 2-18.1                           |
| Face Area             | (sq.ft.)) | 2.94                             |
| Tube Size             | (in.)     | 9-32"                            |
| Drain Connection Size | (in.)     | 23/32"                           |

### Refrigerant

|                                |                          |
|--------------------------------|--------------------------|
|                                | R410A                    |
| Lbs. - R410a (outdoor unit)    | 2.87                     |
| Control                        | Electric Expansion Valve |
| Connection                     | Flare                    |
| Line Length, Max (ft.)         | 100                      |
| Lift Difference, Max (ft.)     | 50                       |
| Line Size (in O.D. Dishcharge) | 1/4"                     |
| Line Size (in O.D. Suction)    | 1/2"                     |

### Dimensions

|              | (in.)      | H x W x D                    |
|--------------|------------|------------------------------|
| Indoor Unit  | (uncrated) | 11-1/16 x 22-5/8 x 22-5/8    |
|              | (crated)   | 11-13/32 x 24-3/16 x 28-1/8  |
| Outdoor Unit | (uncrated) | 26-3/8 x 34-21/32 x 11-7/32  |
|              | (crated)   | 29-1/8 x 39-27/32 x 14-31/32 |

### Weight

|          | Indoor      | Outdoor |
|----------|-------------|---------|
| Net      | (lbs.) 35.3 | 97.0    |
| Shipping | (lbs.) 41.9 | 105.8   |

|                 |               |      |
|-----------------|---------------|------|
| Shipping Volume | (cu.ft.) 4.59 | 9.88 |
|-----------------|---------------|------|

### Performance Data @ ARI Standard Conditions (230/208V)

#### Cooling

|                      |           |                       |
|----------------------|-----------|-----------------------|
| Total Capacity       | (BTU/H)   | 17,500 (4,000-17,500) |
| Sensible Capacity    | (BTU/H)   | 10,600                |
| Latent Capacity      | (BTU/H)   | 6,900                 |
| SEER                 |           | 16                    |
| Dehumidification     | (Pints/H) | 4.89                  |
| Amps                 | (A)       | 8.3(1.2-8.3)          |
| Power Inputs         | (W)       | 1860(250-1860)        |
| Outdoor Sound Rating | (dB-A)    | 51                    |

# ➡➡➡ Dimensions

## Features

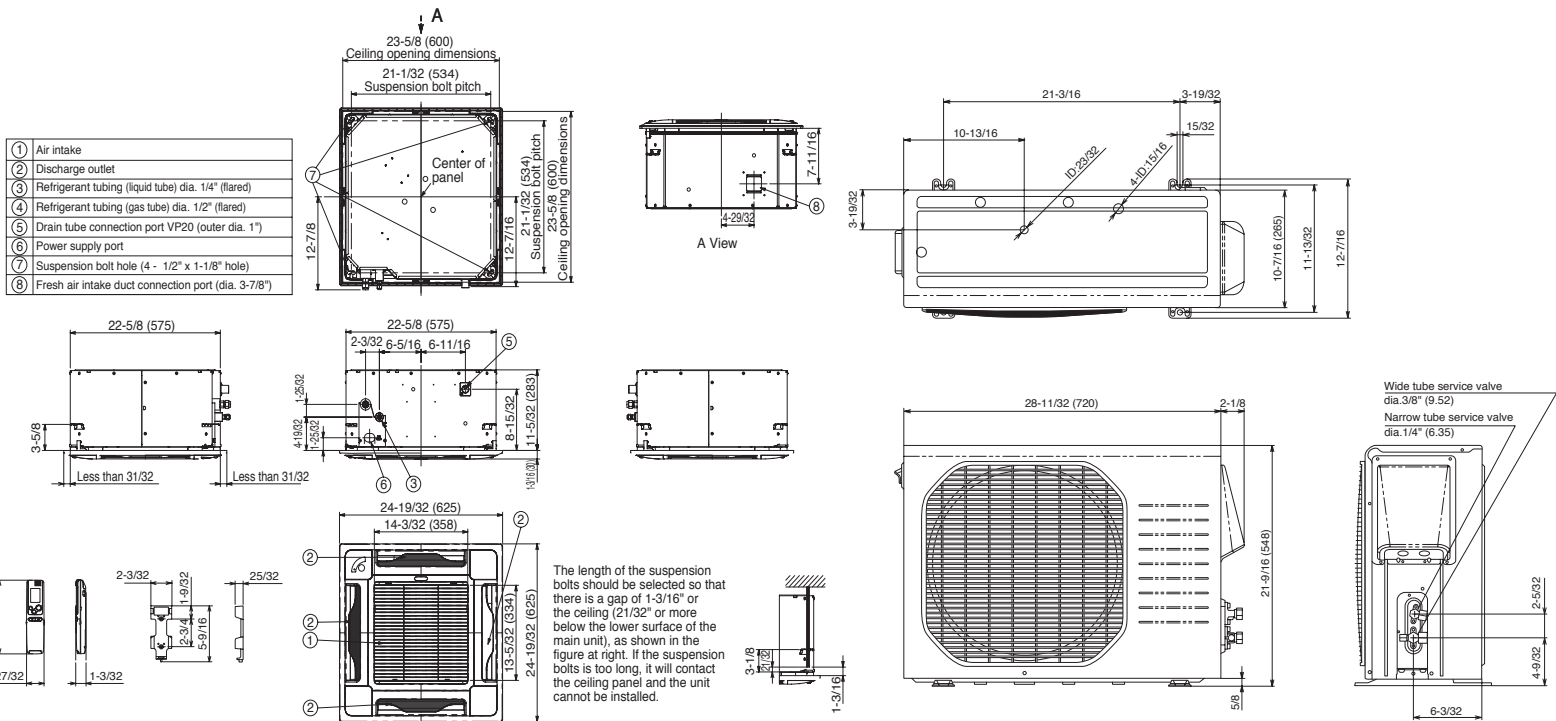
|                                 |                                          |
|---------------------------------|------------------------------------------|
| Controls                        | Microprocessor                           |
| Remote Controller               | LCD Wireless Type, Temp. Sensor Built In |
| Temperature Control             | IC Thermostat                            |
| Timer                           | 24 Hr Program; 1HR ON/OFF                |
| Night Setback                   | Built-In                                 |
| Air Louver                      | Manual                                   |
|                                 | Automatic                                |
| Power Failure Automatic Restart | Built-In                                 |
| Self-Diagnosis                  | Built-In                                 |
| Air Filter                      | Washable, Anti-Mold                      |
| Air Clean Apatite Filter        | Standard                                 |
| Quiet Operation                 | Built-In                                 |
| Ion Generator                   | Built-In                                 |

## Options

|                                         |           |
|-----------------------------------------|-----------|
| Refrigerant Line Set                    | Available |
| Fresh Air Intake                        | Knock-out |
| Air duct Extension                      | N/A       |
| Condensate Drain Pump                   | Standard  |
| Hard Wired Remote Controller            | Available |
| Non-Removeable Locking Remo-con Bracket | Available |

## Operating Range

|         |         | Indoor Air Intake Temp. | Outdoor Air Intake Temp. |
|---------|---------|-------------------------|--------------------------|
| Cooling | Maximum | 95F DB/71F WB           | 115F DB                  |
|         | Minimum | 67F DB/57F WB           | 0F DB                    |



**SANYO**

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